

TOSHIBA

Leading Innovation >>>

CAMILEO™ S30

User's Guide

English

⚠ WARNING

Changes or modifications made to this equipment, not expressly approved by TOSHIBA or parties authorized by TOSHIBA could void the user's authority to operate the equipment.

Safety Instructions

- 1** Do not drop, puncture or disassemble the camcorder; otherwise the warranty will be voided.
- 2** Avoid all contact with water, and dry hands before using.
- 3** Do not expose the camcorder to high temperature or leave it in direct sunlight. Doing so may damage the camcorder.
- 4** Use the camcorder with care. Avoid pressing hard on the camcorder body.
- 5** For your own safety, avoid using the camcorder when there is a storm or lightning.
- 6** Do not use batteries of different specifications. Doing so may lead to the potential for serious damage.
- 7** Remove the battery during long periods between usage, as a deteriorated battery may affect the functionality of the camcorder.
- 8** Remove the battery if it shows signs of leaking or distortion.
- 9** Use only the accessories supplied by the manufacturer.
- 10** Keep the camcorder out of the reach of infants.
- 11** Risk of explosion if battery is replaced by an incorrect type.
- 12** Dispose of used batteries according to the instructions.

About the battery pack

- ❖ Use only batteries recommended by TOSHIBA as replacements. The battery pack is lithium ion batteries, which can explode if not replaced, used, handled or disposed of properly. Dispose of the battery as required by local ordinances or regulations.
- ❖ Charge the battery pack only in an ambient temperature between 5 and 35 degrees Celsius. Otherwise, the electrolyte solution might leak, battery pack performance might deteriorate and the battery life might be shortened.
- ❖ Never install or remove the battery pack without first turning off the power and disconnecting the AC adaptor.
- ❖ Only use the supplied AC adaptor or USB cable, or an optional Toshiba battery charger to charge the battery pack. Never attempt to charge the battery pack with any other charger.

Safety icons

This manual contains safety instructions that must be observed to avoid potential hazards that could result in personal injuries, damage to your equipment, or loss of data. These safety cautions have been classified according to the seriousness of the risk, and icons highlight these instructions as follows:

⚠ DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTE

Provides important information.

Additional Information

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Chapter 1

Getting to Know Your Camcorder

Overview

Your Toshiba camcorder comes equipped with a 8 Mega Pixel sensor that can record H.264 format videos. This format allows for extended video recording with less memory.

Other features of your CAMILEO™ S30 camcorder are:

- ❖ High quality images up to 16 mega-pixels
- ❖ Color LCD touch screen for easy viewing of photos and videos
- ❖ Video recording at an HD resolution of 1920 x1080
- ❖ HDTV connectivity via an HDMI™ cable
- ❖ Easy playback of recorded high-definition videos on wide screen HDTV
- ❖ Built-in CAMILEO UPLOADER, allowing you to upload videos captured by the camcorder to the Internet more effortlessly
- ❖ ISO and white balance can be set to automatic or manually adjusted
- ❖ 16x digital zoom
- ❖ Various effect options, such as Time Lapse and Slow Motion

- ❖ Built-in memory allowing you to take photos and to record videos without a memory card

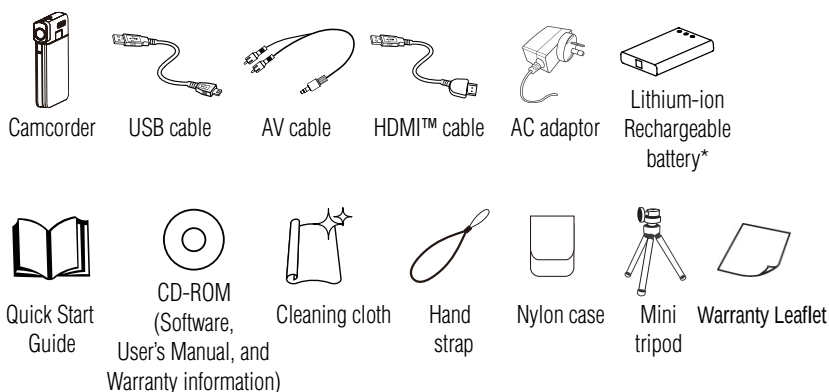
NOTE

A portion of the built-in memory is used for Firmware to operate the camcorder.

- ❖ Memory card slot allowing users to increase storage capacity

Check the Components

Unpack the box and make sure all listed items below are included:



(Sample Illustration) Components

*Preinstalled in the camcorder

NOTE

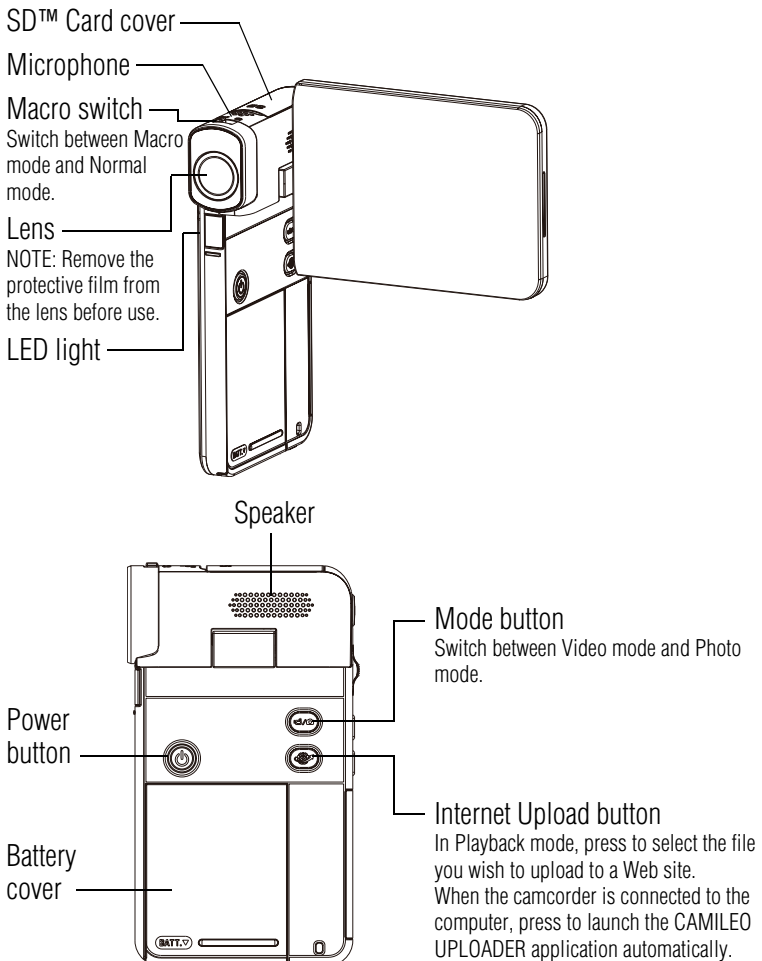
Be sure to remove the protective film on the lens before using.

System Requirements

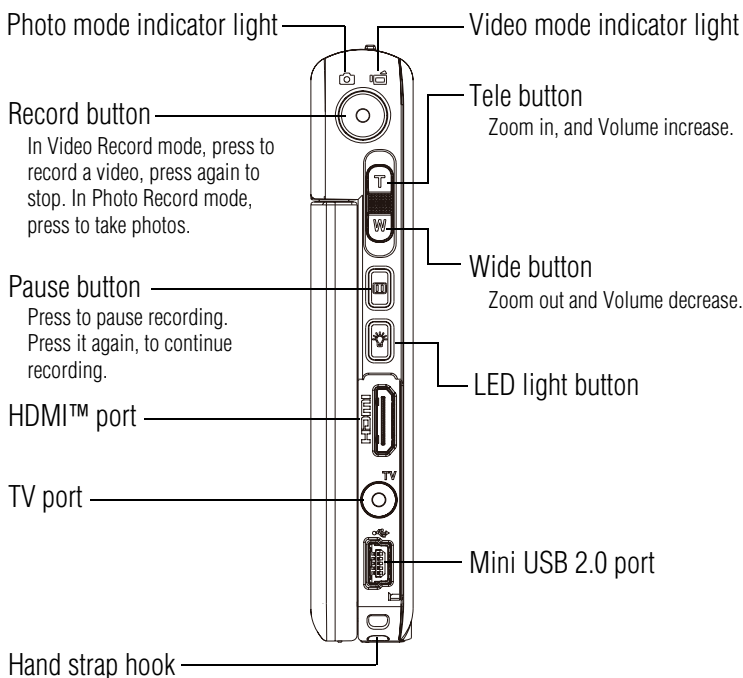
- ❖ Microsoft® Windows® XP/Windows Vista®/Windows® 7
- ❖ Intel® Pentium® IV, 2.4 GHz or above
- ❖ 512 MB RAM
- ❖ CD-ROM Drive
- ❖ 1 GB free HDD space
- ❖ Available USB 2.0 port
- ❖ 16-bit color display

NOTE The LCD touch screen is manufactured using extremely high-precision technology. However, some tiny black and/or bright dots (white, red, blue or green) may appear on the LCD touch screen. These dots are a normal result of the manufacturing process, and do not affect the recording.

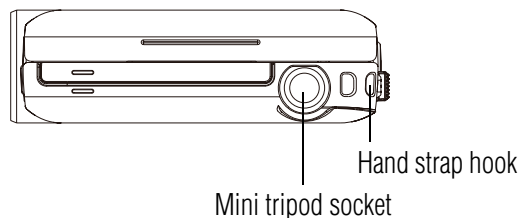
Front/Side views



(Sample Illustration) Front view

Rear view*(Sample Illustration) Rear view*

For more detailed operational instruction, please see “[Record Mode](#)” on page 21 and “[Playback Mode](#)” on page 41.

Underside view*(Sample Illustration) Underside view*

Chapter 2

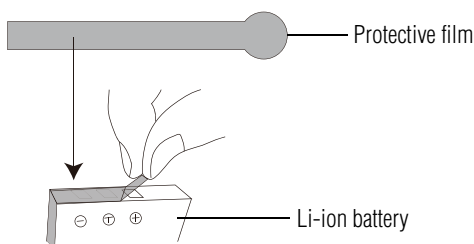
Getting Started

Loading the battery

The battery comes pre-installed in the camcorder, however you must remove the protective film on the battery before use.

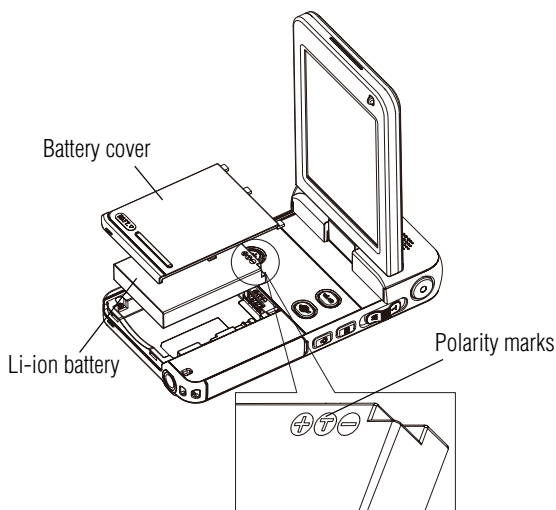
To properly connect the battery:

- 1 Flip open the LCD touch screen and slide the battery cover off.
- 2 Remove the battery.
- 3 Pull off the protective film.



(Sample Illustration) Removing the protective film

- 4 Reinsert the battery, making sure it is lined-up with the correct polarity marks.

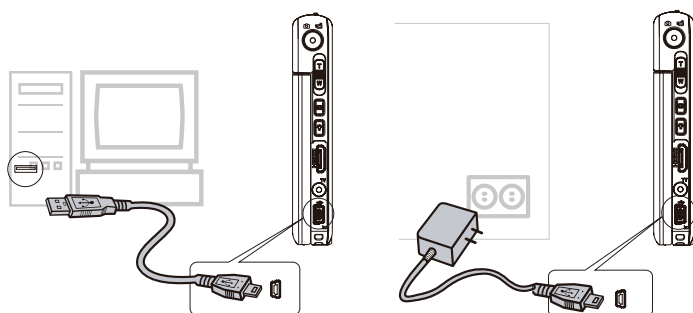


(Sample Illustration) Inserting the battery pack

- 5** Close the battery cover.

Charging the battery

You must use the supplied AC adaptor or the USB cable to charge your camcorder before use. Turn off the camcorder. A blinking light will indicate active charging and a solid light indicates that charging is complete. In AC charging mode, the light will turn off automatically after 3~5 minutes.



(Sample Illustration) Charging the battery

⚠ WARNING **Handling of the battery pack**

- ❖ Never attempt to dispose of a battery pack by burning or by throwing it into a fire, and never allow exposure to a heating apparatus (e.g., microwave oven). Heat can cause a battery pack to explode and/or release caustic liquid, both which may possibly cause serious injury.
 - ❖ Never attempt to disassemble, tamper with or repair a battery pack. The battery pack could overheat and ignite. Leakage of the caustic alkaline solution or other electrolytic substances could cause fire, possibly resulting in death or serious injury.
 - ❖ Never short-circuit the battery pack by either accidentally or intentionally bringing the battery terminals in contact with another conductive object. This could cause serious injury or a fire, and could also damage the battery pack and product. Always wrap the battery pack in plastic (or place it in a plastic bag) whenever transporting it, to avoid exposing the terminals to another conductive object which could result in serious injury. Always cover the metal terminals with insulating tape when disposing of the battery pack, to prevent accidental short-circuiting which could result in serious injury.
-

⚠ WARNING

- ❖ Never drive a nail or any other sharp object into the battery pack, hit battery pack with a hammer or other object or step on it. Doing so could cause a fire or explosion possibly resulting in serious injury.
- ❖ Never charge the battery pack by a method other than as instructed. Doing so could cause a fire or explosion possibly resulting in serious injury.
- ❖ Never connect the battery pack to a plug socket or a car cigarette plug socket. The battery pack could rupture or ignite causing a fire or explosion possibly resulting in serious injury.
- ❖ Never allow a battery pack to become wet. A wet battery pack will overheat or ignite causing rupture or fire, possibly resulting in death or serious injury.
- ❖ Never store a battery pack in an area of high humidity. This could cause a fire or explosion possibly resulting in serious injury.
- ❖ Never expose a battery pack to abnormal shock, vibration or pressure. Never use a battery pack which has been exposed to abnormal shock even if the appearance is normal. The battery pack's internal protective device could fail, causing it to overheat or ignite resulting in caustic liquid leakage, or explosion or fire, possibly resulting in death or serious injury.
- ❖ Never subject a battery pack to heat, and never store it or use it near a heat source. The battery pack could ignite or explode when heated or burned, possibly resulting in death or serious injury. Subjecting a battery pack to heat could also cause caustic liquid to leak. It can also cause failure, malfunction, or loss of stored data.

Use of correct battery pack

- ❖ Always use the battery pack supplied. Other battery packs have different voltage and terminal polarities. Use of non-conforming battery packs could generate smoke or cause fire or rupture, possibly resulting in serious injury.
-

⚠ WARNING

Battery safety

- ❖ Never allow caustic electrolyte fluid leaked from the battery pack to contact your eyes, body or clothing.

Use appropriate protective gloves when handling a damaged battery.

If caustic electrolyte fluid from the battery pack should contact your eyes, immediately wash your eyes with large amounts of running water and obtain prompt medical attention, to help prevent permanent eye damage.

If electrolyte fluid should contact any part of your body, immediately wash it off under running water to help prevent skin rashes.

If electrolyte fluid should contact your clothes, promptly remove them to help prevent the electrolyte fluid from contacting your body, possibly resulting in serious injury.

Battery pack warning indicators

- ❖ Always immediately turn the power off and disconnect the power cable/cord plug from the plug socket and stop using the battery pack if you observe any of the following conditions:
 - ❖ Offensive or unusual odor
 - ❖ Excessive heat
 - ❖ Discoloration
 - ❖ Deformation, cracks or leaks
 - ❖ Smoke
 - ❖ Other unusual event during use, such as abnormal sound

In such an event, carefully and immediately remove the battery pack from the product. In some instances, you might have to wait for the product to cool down before removing the battery pack, in order to avoid any possible minor injury due to heat exposure. Do not turn on the product's power again until an authorized Toshiba service provider has checked it for safety. Continued use could cause a fire or rupture possibly resulting in serious injury or product failure including but not limited to the loss of data.

⚠ WARNING**Disposal of used battery packs**

- ❖ Always dispose of used battery packs in compliance with all applicable laws and regulations. Put insulating tape, such as cellophane tape, on the electrode during transportation to avoid a possible short circuit, fire or electric shock. Failure to do so could possibly result in serious injury.
-

⚠ CAUTION**Inserting the battery pack**

- ❖ When installing a battery pack or before moving the product, always make sure the battery pack is inserted correctly and securely. If the battery falls out, while you are carrying the product, you could be injured or the battery pack could be damaged.
-

⚠ CAUTION**Do not use an impaired or exhausted battery pack**

- ❖ Never continue to use a battery pack after its recharging capability has become impaired, or after the warning message indicating that the battery pack power is exhausted has been displayed.

Continued use of an exhausted or impaired battery pack could result in the loss of data or damage to the product.

NOTE

Handling of the battery pack

- ❖ Never attempt to install batteries in reverse polarity.
-

⚠ WARNING

- ❖ Make sure the battery is securely installed in the product before attempting to charge the battery pack.
 - ❖ Improper installation could generate smoke or fire, or cause the battery pack to rupture.
-

*Inserting and removing an SD™ Card (optional)***⚠ CAUTION**

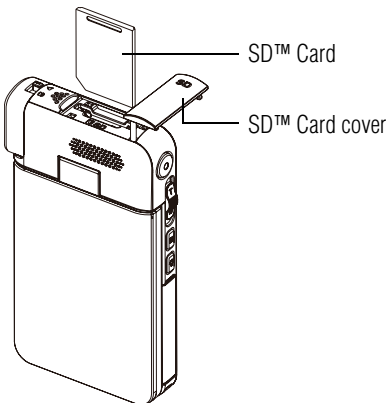
- ❖ The battery pack is lithium ion batteries, which can explode if not replaced, used, handled or disposed of properly. Dispose of the battery as required by local ordinances or regulations. Use only batteries recommended by TOSHIBA as replacements.
- ❖ Charge the battery pack only in an ambient temperature between 5 and 35 degrees Celsius. Otherwise, the electrolyte solution might leak, battery pack performance might deteriorate and the battery life might be shortened.
- ❖ Never install or remove the battery pack without first turning off the power and disconnecting the AC adaptor.

Inserting and removing an SD™ Card (optional)

NOTE An SD™ Card must be purchased separately.

Your camcorder comes with internal memory that allows you to store photos and videos. You can expand the memory capacity by using an optional SD/SDHC/SDXC memory card.

- 1** Open the SD™ Card cover.
- 2** Insert the SD™ Card into the slot until it locks into place, as shown below.



To remove the SD™ Card press inward to release it. When the card pops out, grasp it and pull it straight out.

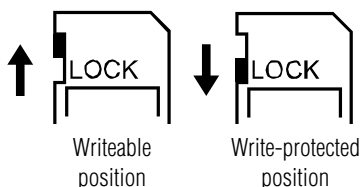
(Sample Illustration) Inserting and removing an SD™ Card

NOTE When a memory card is inserted, videos and photos are saved to the card rather than the built-in memory.

Protecting data on an SD™ Card

Photos or videos cannot be recorded on an SD™ Card when the card is locked (read only), however photos and videos can be viewed.

Make sure the lock is in the writeable position before recording photos and videos as shown below.



(Sample Illustration) Protecting data on an SD™ Card

Turning the camcorder on and getting started

To turn on the camcorder, either:

- ❖ Flip the LCD touch screen outward to turn on the camcorder automatically.
- ❖ Or press the Power button for approximately one second to turn it on.

To record videos: Press the Mode (⏻) button or touch the onscreen (📹) icon to switch to Video Record mode. Press the Record (⏻) button to begin recording. The Video Record mode LED Indicator (📹) glows.

To take a photo: Press the Mode (⏻) button or touch the onscreen (📷) icon to switch to Photo Record mode. Press the Record button to take a photo. The Photo mode LED Indicator (📷) glows.

Turning off the camcorder

To turn off the camcorder: You can either press the Power (⏻) button for one second, or you can place the LCD touch screen back to its original position.

Chapter 3

Record Mode

Button functions

	Mode button: 1 Switch between Video mode and Photo mode.
	Record button: 1 In Video Record mode, press to record videos. Press the button again to stop recording. 2 In Photo Record mode, press to take a still photo.
	Tele (T) button: Zoom in. Wide (W) button: Zoom out.
	Pause button: 1 Press to pause recording. 2 Press again to continue recording.
	LED light button: LED light ON/LED light OFF/Digital light ON.
	Power button: Press for one second to turn ON/OFF the camcorder.

	Macro switch: Switch between Macro mode and Normal mode.
---	--

LCD touch screen information

The indicators shown on the image below may appear on the LCD touch screen:



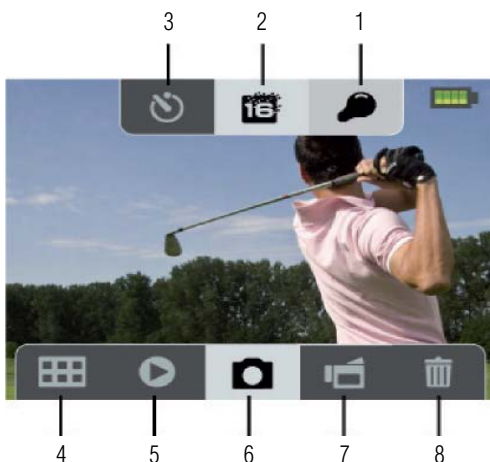
(Sample Image) LCD touch screen notification icons

Notification icons

1		Battery: Full power
		Battery: Medium power
		Battery: Low power
		Battery: No power
		DC power mode
2		Macro Position Focusing

3	00:03:12 	Recording time
	00:03:12 	Pause Recording
	 250	The remaining amount of photos that can be taken at the current resolution settings
	 321	Current number of photos taken
4		Motion Detection (Video Record mode only)
5	Scene	
		Skin
		Night
		Backlight
6	Manual white balance	
		Daylight
		Fluorescent
		Tungsten
7		Zoom meter: 1x~16x (16x Digital zoom)
8		Slow Motion (Video Record mode only) Note: Slow motion videos will be recorded in QVGA resolution.
		Time Lapse (Video Record mode only)
		Pre-Record mode (Video Record mode only)

Below are the onscreen touch function icons:



(Sample Image) LCD touch screen touch function icons

Touch function icons

1		Digital light ON
		Light ON
		Light OFF
2	Video Resolution	
		Full HD (1080p 30)
		HD60 (720p 60)
		HD30 (720p 30)
		VGA
		QVGA (while the Slow Motion function is active, the video resolution is 320 x 240 [QVGA])
	Photo resolution	
		High-16MP
		Standard-8MP
		Low-3MP

3	Video Record mode	
		Stabilization ON/OFF
	Photo Record mode	
		Self-timer ON/OFF
4		Menu
5		Playback mode
6		Photo mode
7		Video mode
8		Delete mode

Video recording

In Video Record mode, press the Record () button to start recording (The Video Record LED indicator light glows after pressing the Record button). When a video is being recorded, a time indicator will display on the LCD touch screen. To stop recording, press the Record button again.

To pause recording, press the Pause () button. To continue recording, press it again.

Press the Play () button to view a recorded video.

The four resolution settings available are:

Video Quality	
	Full HD: 1920 x 1080p 30
	HD60: 1280 x 720p 60
	HD30: 1280 x 720p 30
	VGA: 640 x 480p 30

Photo recording

In Photo Record mode, press the Record () button to take a photo (the Photo Record LED indicator glows after pressing the Record button).

Touch the onscreen () icon to view the photo.

The three resolution settings available are:

Image Quality	
	High-16 MP: 4608 x 3456
	Standard-8 MP: 3264 x 2448
	Low-3 MP: 2048 x 1536

Taking close up photos/videos

Slide the macro switch to change the focus for close or distant objects.

To take close-up photos:

- 1 Slide the Macro switch to Macro ()
- 2 Press the Record button to start recording a video or take a still photo.

In Macro mode, the macro icon () appears on the LCD touch screen.

NOTE

Remember to turn the macro switch back to Normal () when you are not taking close-up photos.

Using digital zoom

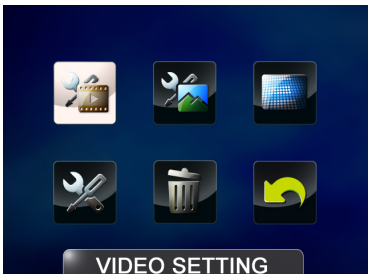
The digital zoom magnifies images when recording videos or taking photos.

- 1 To zoom in/out, press the Tele/Wide button.
- 2 The digital zoom can be set from 1x to 16x.

Menu options/operations

Video Setting 	Photo Settings 	Effects 	Setup* 	Delete 
Light Resolution Stabilization Motion Detect Slow Motion Pre-Record Time Lapse Continuous Play	Light Resolution Self-Timer ISO Slideshow	Scene Filter White Balance	Sound TV Language Time Setting Format Default Setting	Delete Video Delete Photo Delete Video & Photo Delete All

*Please see “Camcorder Settings” on page 47 for more information about Setup.

Operation	Screen
1 Touch the onscreen () icon. The Menu screen appears. The available options are Video Setting, Photo Setting, Effects, Setup, and Delete.	
2 Touch the desired onscreen icon twice. The Options Menu appears. 3 Touch to select the specific option you want to change and touch it again to enter the Settings Menu. 4 Touch twice to validate the new setting. 5 Touch the Exit icon () twice to exit.	

Video Setting options

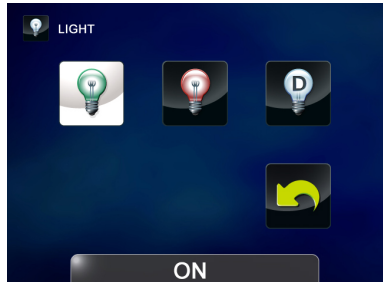
Operation	Screen
1 Touch the onscreen () icon. The Menu screen appears. 2 Touch the Video Setting icon twice to enter the Video Setting menu. The Video Setting Menu appears. 3 The Video Setting menu contains eight options: Light, Resolution, Stabilization, Motion Detect, Slow Motion, Pre-Record, Time Lapse, and Continuous Play.	

NOTE Touch the icon once to view the description, touch twice to activate.

Light

This allows you to select a mode, which will brighten the shooting area or to extend the brightness of objects.

	ON	The light is turned ON and provides illumination.
	OFF	The light is turned OFF.
	Digital Light	Extend the dynamic range of high contrast and the backlight, so objects appear brighter and clearer.

Operation	Screen
1 In the Video Setting menu, touch the Light icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon () twice to exit.	

Resolution

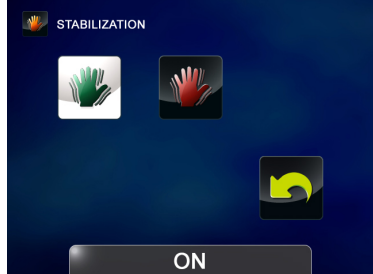
Four resolution settings are available:

	Full HD	Record videos at 1920 x 1080p 30 resolution.
	HD60	Record videos at 1280 x 720p 60 resolution.
	HD 30	Record videos at 1280 x 720p 30 resolution.
	VGA	Record videos at 640 x 480p 30 resolution.

Operation	Screen
1 In the Video Setting menu, touch the Resolution icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon () twice to exit.	

Stabilization

Your camcorder provides a feature that steadies the image to help reduce shaking and create clearer videos.

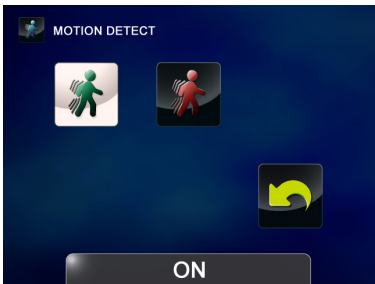
Operation	Screen
1 In the Video Setting menu, touch the Stabilization icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon () twice to exit.	

NOTE

Stabilization does not apply to FHD (1080p 30fps) and WVGA 60.

Motion detection

This setting allows the camcorder to automatically record videos when the camcorder detects movement.

Operation	Screen
1 In the Video Setting menu, touch the Motion Detect icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon (🔙) twice to exit. The camcorder will begin recording automatically if movement is detected. Stop recording if it does not detect movement.	

Slow motion

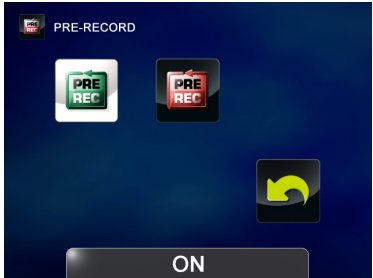
This setting records videos with a slow motion effect. When the video is played, the playback time will be longer than the actual recording time.

Operation	Screen
1 In the Video Setting menu, touch the Slow Motion icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon (🔙) twice to exit.	

Pre-Record

The Pre-record function allows the camcorder to begin recording one second before the Record button is pressed.

NOTE Touch the icon once to view the description, touch twice to activate.

Operation	Screen
1 In the Video Setting menu, touch the Pre-Record icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon () twice to exit.	

NOTE The Time Lapse function cannot be used when the Pre-Record function is activated.

Time Lapse

This setting allows the camcorder to record still images at specific time intervals that you can set and then play back as one video file.

	OFF	Disables Time Lapse.
	1 second	Record one frame per second.
	3 seconds	Record one frame every three seconds.
	5 seconds	Record one frame every five seconds.

Operation	Screen
1 In the Video Setting menu, touch the Time Lapse icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon (🏠) twice to exit.	

Continuous Play

This allows you to playback files continuously.

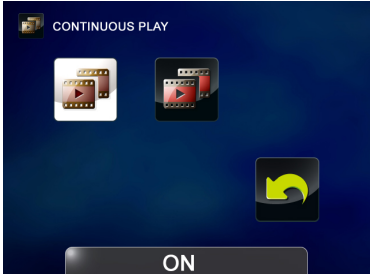
Operation	Screen
1 In the Video Setting menu, touch the Continuous Play icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon (🏠) twice to exit.	

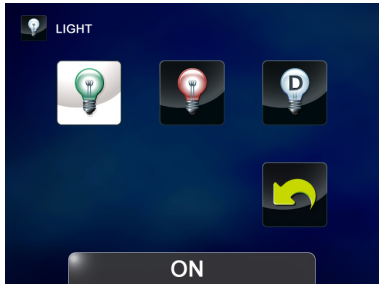
Photo setting options

Operation	Screen
1 Touch the onscreen (☰) icon. The Menu screen appears. 2 Touch the Photo Setting icon twice to enter the Photo Setting menu. The Photo Setting Menu appears. 3 The Photo Setting menu contains five options: Light, Resolution, Self-Timer, ISO, and Slideshow.	

Light

This allows you to select a mode, which will brighten the shooting area or to extend the brightness of objects.

	ON	The light is turned ON and provides illumination.
	OFF	The light is turned OFF.
	Digital Light	Extend the dynamic range of high contrast and the backlight, so objects appear brighter and clearer.

Operation	Screen
1 In the Photo Setting menu, touch the Light icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon () twice to exit.	

Resolution

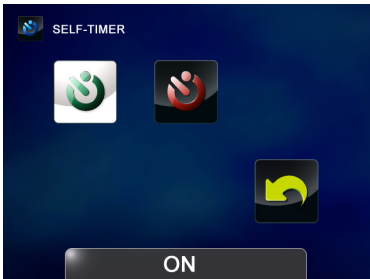
Three resolution settings are available:

	High-16M	Take photos at 4608 x 3456, 16 MP quality.
	Standard-8M	Take photos at 3264 x 2448, 8 MP quality.
	Low-3M	Take photos at 2048 x 1536, 3 MP quality.

Operation	Screen
1 In the Photo Setting menu, touch the Resolution icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon (🔄) twice to exit.	

Self timer

The self-timer allows you to take photos with a ten-second time delay. The self-timer light on the front of the camcorder blinks to indicate the feature is activated. The blinking speed increases just before the photo is taken.

Operation	Screen
1 In the Photo Setting menu, touch the Self-Timer icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon (🔄) twice to exit.	

ISO

The camcorder automatically adjusts the ISO setting of images. Two manual ISO sensitivity settings are also available (800 and 1600). Use the higher setting to take a photo in the dark or in a poorly lit location, or for an subject moving at a high rate of speed.

	Auto	Sets the ISO setting automatically according to conditions.
	800	ISO 800
	1600	ISO 1600

Operation	Screen
1 In the Photo Setting menu, touch the ISO icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon () twice to exit.	

NOTE

The image may become grainy with a higher ISO setting.

Slideshow

Photos can be viewed one after another in a slideshow.

	2 seconds	Display one photo every two seconds.
	5 seconds	Display one photo every five seconds.
	10 seconds	Display one photo every ten seconds.
	OFF	Disables Slideshow.

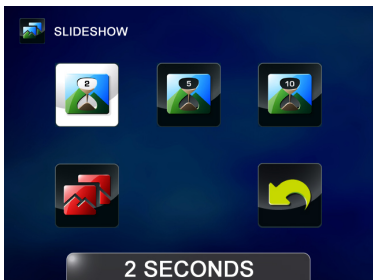
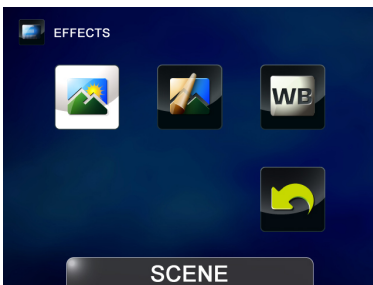
Operation	Screen
1 In the Photo Setting menu, touch the Slideshow icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon (↶) twice to exit.	

Photo Effects

Operation	Screen
1 Touch the onscreen (⌘) icon. The Menu screen appears. 2 Touch the Effects icon twice to enter the setting menu. 3 The Effects menu contains three options: Scene, Filter, and White Balance.	

Scene

You can select modes according to the scene and conditions.

	Auto	Automatically adjusts to current conditions.
	Skin	Adjusts skin tones to appear more natural.
	Night	Use in low light conditions or at night.
	Backlight	Use when the subject is brightly lit from behind.

Operation	Screen
1 In the Effects Setting menu, touch the Scene icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon (🏠) twice to exit.	

NOTE

To avoid blurry photos when taking photos in Night mode, place the camcorder on a flat, steady surface, or use a mini tripod.

Filter

You can select a special filter effect for videos and photos.

	Auto	No filter effects.
	Black & White	The image is converted to black and white.
	Classic	The image is converted to sepia.
	Negative	The image is converted to the negative of the original.

Operation	Screen
1 In the Effects Setting menu, touch the Filter icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon (🏠) twice to exit.	

NOTE

Scene/Filter: B/W / Classic / Negative effect can be previewed immediately without icons appearing on the LCD touch screen.

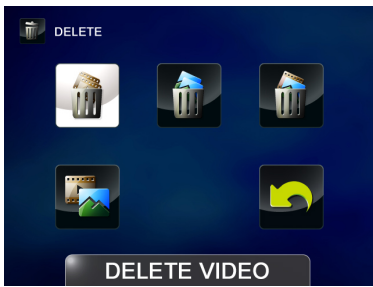
White Balance

The camcorder adjusts the white balance of images automatically. Four White balance settings are available:

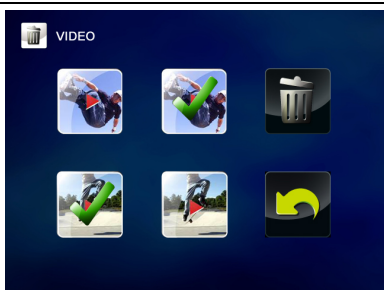
	Auto	Automatically adjusts white balance.
	Daylight	Use in outdoor conditions.
	Fluorescent	Use in Fluorescent lighting.
	Tungsten	Use in tungsten lighting.

Operation	Screen
1 In the Effects Setting menu, touch the White Balance icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon () twice to exit.	

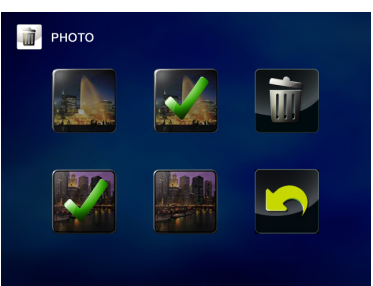
Deleting files

Operation	Screen
1 Touch the onscreen () icon. The Menu screen appears. 2 Touch the Delete icon twice to enter the setting menu. 3 The Delete menu contains four options: Delete Video, Delete Photo, Select & Delete, and Delete All.	

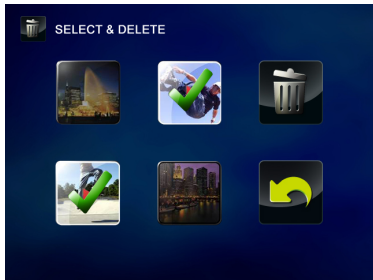
Delete Video

Operation	Screen
1 In the Delete menu, touch the Video icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon () twice to exit.	

Delete Photo

Operation	Screen
1 In the Delete menu, touch the Photo icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon () twice to exit.	

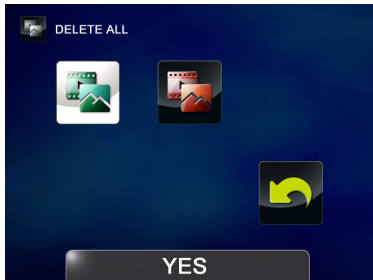
Select & Delete

Operation	Screen
1 In the Delete menu, touch the Select & Delete icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon (🏠) twice to exit.	

Delete All

Use this option to delete all videos and photos

	Yes	Delete all videos and photos in the built-in memory (when no SD™ Card is installed), or delete all videos and photos on the installed SD™ Card.
	No	Do not delete all videos and photos in the built-in memory (when no SD™ Card is installed), or do not delete all videos and photos on the installed SD™ Card.

Operation	Screen
1 In the Delete menu, touch the Delete All icon twice. 2 Touch to select the desired option. 3 Touch again to validate the new setting. 4 Touch the Exit icon (🏠) twice to exit.	

NOTE

- ❖ When an SD™ Card has been installed, only the videos and photos stored on the card are deleted.
- ❖ Videos or photos cannot be deleted if the card is write-protected.

Chapter 4

Playback Mode

Button functions

The buttons have the following functions in Playback mode.

	Record button: 1 Press to enter Record mode.
	Tele (T) button: Zoom in. Wide (W) button: Zoom out.
	Pause button: 1 Press to pause recording. 2 Press is again to continue recording.
	Internet upload button: In Playback mode, press to activate the Internet upload function.

LCD touch screen information

The indicators shown below may appear on the LCD touch screen while in Playback mode:



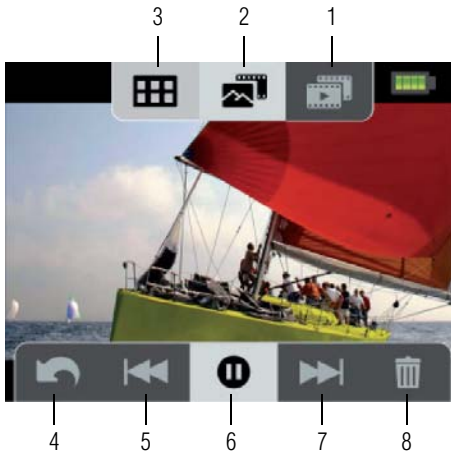
(Sample Image) LCD touch screen notification icons

Notification icons

1		Battery: Full power
		Battery: Medium power
		Battery: Low power
		Battery: No power
		DC power mode
2		The current video or photo file is selected to upload to the Internet.
3	00:03:12	Playback time counter.
	▲ 321	Current number of photos taken
	▼ 250	The remaining amount of photos that can be taken at the current resolution settings
4		Volume control

5		Video Playback mode
		Photo Playback mode

Below are the onscreen touch function icons:



(Sample Image) LCD touch screen touch function icons

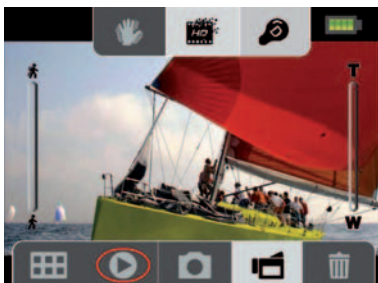
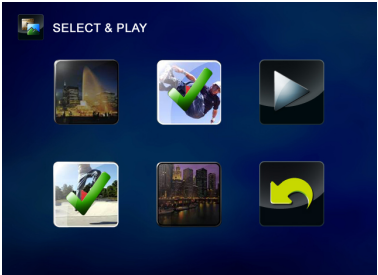
Touch function icons

1	Video Playback mode	
		Continuous play ON/OFF.
	Photo Playback mode	
		Slideshow ON/OFF.
2		Select & Play thumbnail screen ON.
3		Menu ON.
4		Return to Record mode.
5		Return to the previous file. Video fast rewind.
6		Play a video or photo file.
		Pause.
7		Advance to the next file. Video fast forward.

8		Delete the current file.
		Stop video play. Stop photo slideshow.

Playback mode operations

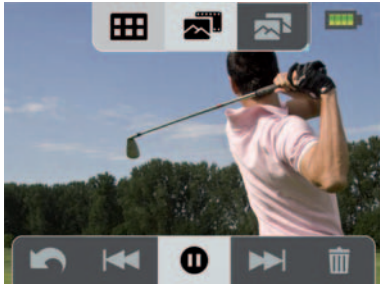
To viewing and manage videos and photos in the built-in memory or on an SD™ Card, use the Playback mode.

Operation	Screen
1 In Record mode, press the Playback button or touch the onscreen () icon to switch to Playback mode. 2 Touch the onscreen () icon to view the previous video/photo, or touch the onscreen () icon to view the next video/photo. 3 Touch the onscreen () icon. The Menu screen appears.	
4 Touch the onscreen () icon to open the thumbnail screen for videos and photos. The Select & Play screen appears. 5 In the Select & Play screen, select the file(s) you want to play, and then touch () to confirm. Check marks will appear on the selected file(s). 6 Touch the onscreen () icon to play the selected files. (Video: full length. Photo: displays for 2 seconds.)	

Video Playback

Operation	Screen
1 In the Video Playback mode, touch the (⏮) or (⏭) icon to play or pause the video. 2 Touch the (⏮) icon to view the previous video, or touch the (⏭) icon to view the next video. While playing a video, touch the (⏮) or (⏭) icon to fast rewind/forward the video. 3 In the Continuous Play On mode the (📺) icon is highlighted. Touch the (⏮) or (⏭) icon to play all video files continuously. Touch the (⏮) icon to stop the video. 4 Use the Tele/Wide buttons to adjust the volume. 5 Press the Internet upload button to select the current video to upload to the Internet.	

Photo Playback

Operation	Screen
1 In the Photo Playback mode, touch the (⏮) icon to view the previous photo, or touch the (⏭) icon to view the next photo. 2 In the Slideshow On mode the (📺) icon is highlighted. Touch the (⏮) or (⏭) icon to play or pause the slideshow. Touch the (⏮) icon to stop the slideshow. 3 Press the Internet upload button to select the current photo to upload to the Internet.	

Delete a file in Playback mode

Operation	Screen
1 In the Playback mode, touch the (🗑️) icon. 2 Touch the (🗑️) icon to delete the current photo. 3 Touch the Exit icon (🏠) twice to exit.	

NOTE

- ❖ When an SD™ Card has been installed, only the videos and photos stored on the card are deleted.
- ❖ Videos or photos cannot be deleted if the card is write-protected.

Chapter 5

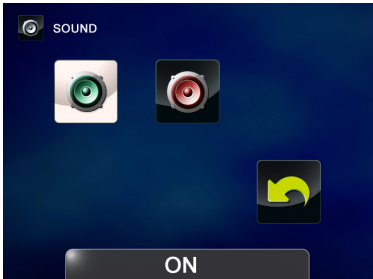
Camcorder Settings

Settings Menu

Operation	Screen
1 Touch the onscreen () icon. The Menu screen appears. 2 Touch the Setup () icon twice to enter the setting menu.	
3 The Setup Menu contains six options: Sound (operation sound), TV, Language, Time Setting, Format, and Default Setting (scroll down to view).	

Sound

You can enable or disable tone and operating sounds.

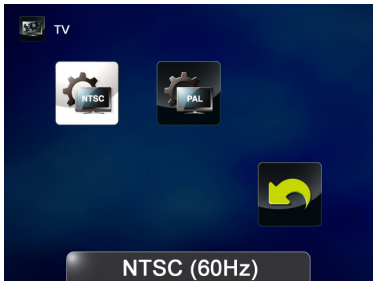
Operation	Screen
1 In the Setup menu, touch the Sound icon twice. The Menu screen appears. 2 Touch to select the desired option. 3 Touch again to validate the setting. 4 Touch the Exit icon (🏠) twice to exit.	

TV

Use this function to select the appropriate TV standard for your area, either NTSC or PAL.

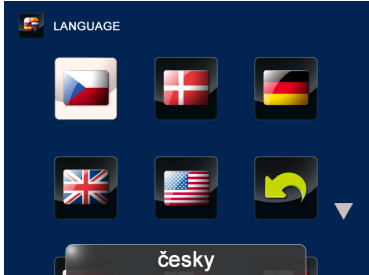
An incorrect TV system setting may cause the image to flicker.

	NTSC (60Hz)	USA, Canada, Japan, South Korea, and Taiwan, etc.
	PAL (50Hz)	UK, Europe, China, Australia, Singapore, and Hong Kong, etc.

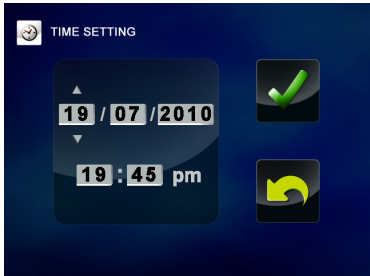
Operation	Screen
1 In the Setup menu, touch the TV icon twice. The Menu screen appears. 2 Touch to select the desired option. 3 Touch again to validate the setting. 4 Touch the Exit icon (🏠) twice to exit.	

Language

Use this option to select the language of the user interface.

Operation	Screen
1 In the Setup menu, touch the Language icon twice. The Menu screen appears. 2 Touch to select the desired option. 3 Touch again to validate the setting. 4 Touch the Exit icon (↶) twice to exit.	

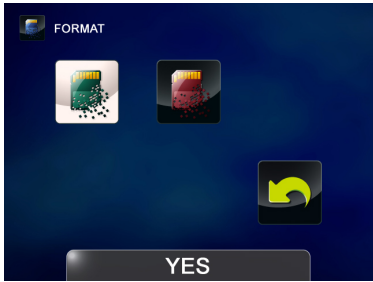
Time Setting

Operation	Screen
1 In the Setup menu, touch the Time Setting icon twice. The Menu screen appears. 2 Touch to Year, Month, Day, Hour, or Minute to set. 3 Touch (✓) to validate the setting. 4 Touch the Exit icon (↶) twice to exit.	

Format

Use this option to delete all data in the built-in memory or on the SD™ Card.

	Yes	Delete all videos and photos in the built-in memory (when no SD™ Card is installed), or delete all videos and photos on the installed SD™ Card.
	No	Do not delete all videos and photos in the built-in memory (when no SD™ Card is installed), or do not delete all videos and photos on the installed SD™ Card.

Operation	Screen
1 In the Setup menu, touch the Format icon twice. The Menu screen appears. 2 Touch to select the desired option. 3 Touch again to validate the setting. 4 Touch the Exit icon (🔙) twice to exit.	

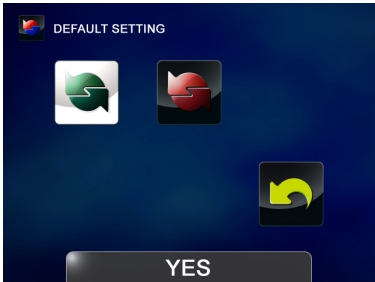
CAUTION

All data will be erased if the SD™ card is formatted. Make sure all data is copied to your computer or other media before formatting the SD™ Card.

Default Setting

To restore the default factory settings, select this option.

	Yes	Restore to default factory setting.
	No	Do not restore to default factory setting.

Operation	Screen
1 In the Setup menu, touch the Default Setting icon twice. The Menu screen appears. 2 Choosing Yes performs the operation, and No cancels the operation. 3 Touch the Exit icon (🏠) twice to exit.	

The following table lists the camcorder's default settings:

Setting	Default Factory Setting
Resolution	Video: Full HD Photo: Standard-8M
Stabilization	OFF
Motion Detection	OFF
Slow Motion	OFF
Time Lapse	OFF
Self-Timer	OFF
ISO	Auto
Scene	Auto
Filter	Auto
White Balance	Auto
Light	OFF
Sound	ON
TV	Depends on shipping area
Language	Depends on shipping area
Volume	Level 6

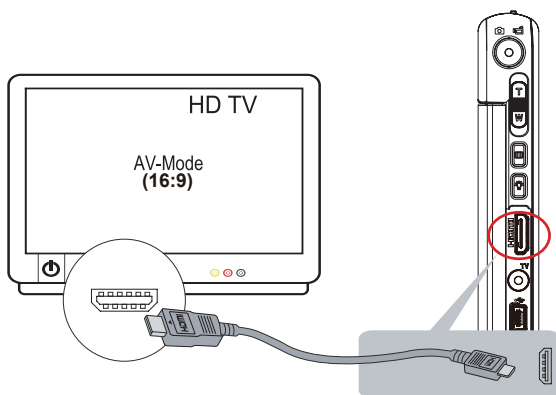
Chapter 6

Viewing Photos and Videos on TV

Connecting to a high-definition 16:9 (wide) TV

To view images or videos from your camcorder on a TV:

- 1 Connect the HDMI™ cable to your camcorder's HDMI™ Out port.
- 2 Connect the other end of the cable to a television.
- 3 Set the video input source of your TV to HDMI™.



(Sample Image) Connecting a high-definition TV

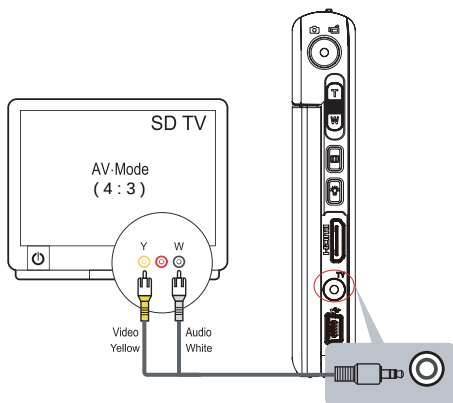
- 4 The steps for viewing stored photos and video on a TV are exactly the same as for viewing them on the LCD touch screen.

NOTE The LCD touch screen does not display when the camcorder is connected to an HDTV.

Connecting to a non-high-definition 4:3 TV

- 1 Connect one end of the AV cable to your camcorder's AV out port.
- 2 Connect the other end of the cable to a television.

The steps for viewing stored photos and videos on a TV are exactly the same as for viewing them on the LCD touch screen.



(Sample Image) Connecting a standard TV

NOTE The LCD touch screen does not display when the camcorder is connected to a TV.

NOTE Some functions may not be accessible while the camcorder is connected to a TV or an HDTV.

Chapter 7

Viewing Photos and Videos on a Computer

Installing bundled software

The CD-ROM supplied with your camcorder contains two software applications.

- ❖ **ArcSoft MediaImpression®** is a user-friendly application that helps manage your media, burn videos onto DVD, and upload videos to the Internet easily.
- ❖ **Adobe® Reader®** is a popular program that is needed to view the User's Manual. Many users will find they already have this software installed on their computer.

To install the bundled software:

- 1** Insert the CD-ROM into your computer's optical disc drive. The autorun screen appears.
- 2** Click "**Install Application Software**". Follow the on-screen instructions to complete the installation.

NOTE

Detailed information can be found in the online help of all the bundled software.

Transferring photos or videos to a computer

You can transfer photos or videos stored on your camcorder to a computer and send them via email to friends or post them on the Internet.

To do this:

- 1** Connect the computer and camcorder with the supplied mini USB 2.0 cable.
The LED lights up.
- 2** The videos and photos can be found on your computer at “My Computer\ Removable Disk\DCIM\100MEDIA.”
- 3** In this folder, you can view, delete, move, or copy any video/photo you want.
- 4** Use the bundled ArcSoft application software to edit the videos or photos.

Chapter 8

Uploading Video Files to the Internet

The built-in **CAMILEO UPLOADER** application offers an easy way to upload your video clips to social media Web sites instantly. It helps you share them with your family and friends on these Web sites. The bundled software, **ArcSoft MediaImpression**, can also be used to upload your video clips to Web sites.

NOTE

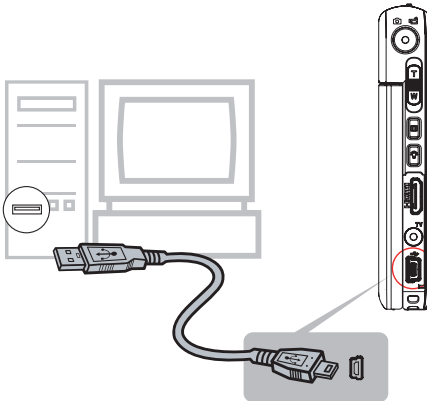
You must have internet access to upload videos to a Web site.

CAMILEO UPLOADER

To upload files to the Internet:

- 1 Select the video clip files in Video Playback mode by pressing the Internet upload () button.

- 2 Connect the camcorder to the computer by using the supplied USB cable.



(Sample Illustration) Connecting the camcorder to a computer

- 3 Press the Internet upload () button on the camcorder to launch the CAMILEO UPLOADER application automatically.
(Before the computer launches the CAMILEO UPLOADER, you must install ArcSoft MediaImpression included on the CD first.)



(Sample Image) CAMILEO UPLOADER main screen

NOTE Some social media Web sites may not be accessible in certain regions.

4 Upload video clips:

- ❖ Press Internet upload () button on the camcorder again.
- ❖ The videos clips marked with the () icon are uploaded to the website automatically. (You may be asked to fill in your account information before uploading or you can fill in the information before uploading by clicking on the () icon.
- ❖ Click **CANCEL** to stop uploading.



(Sample Image) CAMILEO UPLOADER screen

To upload video files selected manually to a Web site:

- 1** Follow steps 2 and 3 in “CAMILEO UPLOADER” on page 56.
- 2** On the thumbnail screen, click the up/down icon to change pages. Click on the video clips you want to upload, and then choose the Web site you wish to upload to.

- 3 Click **UPLOAD** to start uploading.



(Sample Image) CAMILEO UPLOADER screen

To playback the video file:

- 1 Double-click the video clip on the thumbnail screen.
- 2 Click the Play/Pause (⏮) icon to play/pause. Click the Return (⏮) icon to return to the thumbnail preview screen.

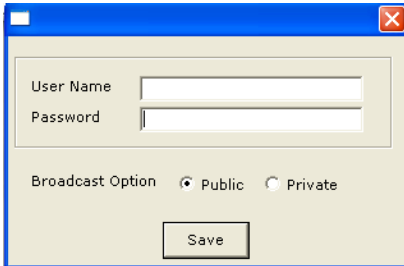


(Sample Image) CAMILEO UPLOADER screen

To setup your account information for a Web site:

- 1 Click on the (⚙) icon to enter the setup screen.

- 2 Fill in your account information in the blanks, and then click **Save**.

A screenshot of a Windows-style dialog box titled "ArcSoft MediaImpression". It contains two input fields labeled "User Name" and "Password". Below these fields are two radio buttons for "Broadcast Option": "Public" (selected) and "Private". At the bottom is a "Save" button.

(Sample Image) Entering account information

NOTE

If you do not have an account, please sign up on the Web site first.

ArcSoft MediaImpression

To upload video files to the Internet:

- 1 Install ArcSoft MediaImpression.
- 2 Click **Start**, **(All) Programs**, and then **ArcSoft MediaImpression**.

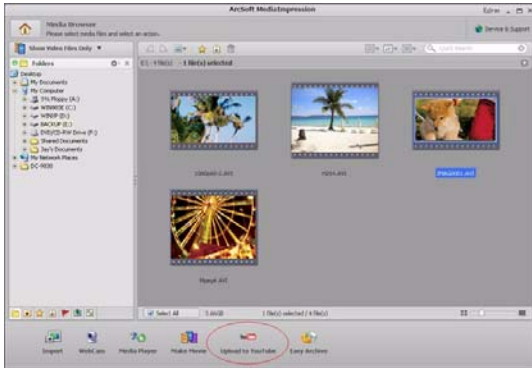
The ArcSoft MediaImpression main screen appears on your desktop.

- 3 Click **Videos**.



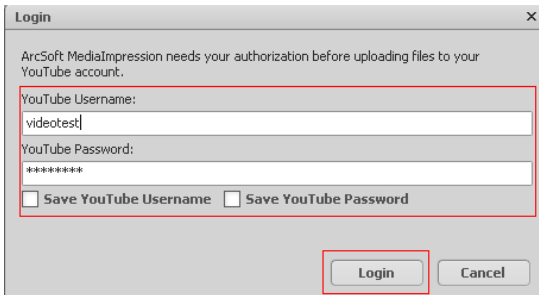
(Sample Image) ArcSoft MediaImpression main screen

- 4 The operation screen appears:
 - ❖ Select the folder that contains the video files you want to upload.
 - ❖ Select the files in the display area.
 - ❖ Click **Upload to the Internet** on the bottom menu.



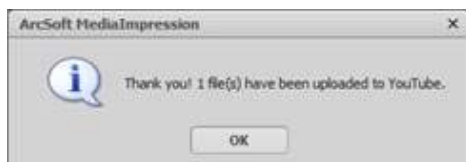
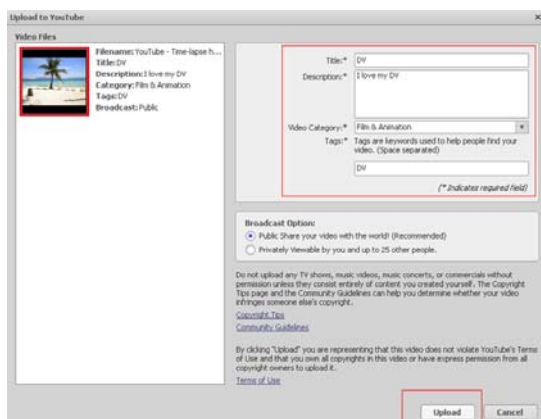
(Sample Image) Selecting files

- 5 Fill in your site account information in the blanks, and then click **Login**.



(Sample Image) Entering account information

- 6** Fill in the information on the video clips, and then click **Upload**.



(Sample Image) Uploading to the Internet

Chapter 9

Specifications

Image sensor	8 Mega Pixel CMOS sensor
Operations modes	Video Record, Photo Record
Lens	Fixed Focus (F 2.5)
Focus range	Macro mode: center 8.3 in. (21cm) Normal mode: 47.2 in. (120cm) ~ infinite (HD60 & HD30) 59 in. (150cm) ~ infinite (Full HD) 78.7 in. (200cm) ~ infinite (Photo)
Zoom	1x~16x (16x Digital zoom)
Shutter	Electronic
LCD touch screen	3 in. (7.6cm) LCD touch screen
Storage media	Built-in 128MB memory (partial memory is used for firmware code); SD/SDHC/SDXC card slot support (up to 64GB)
Image resolution	High 4608 x 3456 (16M pixels) Standard 3264 x 2448 (8M pixels) Low 2048 x 1536 (3M pixels)
Video resolution	Full HD: 1920 x 1080 (30fps) HD60: 1280 x 720 (60fps) HD30: 1280 x 720 (30fps) VGA: 640 x 480(30fps) QVGA: 320 x 240 (while slow motion function is active)

White balance	Auto/Manual (Daylight, Fluorescent, Tungsten)
ISO	Auto/800/1600
Self-timer	10 second delay
Light	Light ON/Light OFF/Digital Light ON
File format	Photo: JPG Video: MP4
Image play	Single image/slideshow
PC interface	Mini USB 2.0 port
TV out	NTSC/PAL selectable, HDMI™
Battery	Lithium-ion rechargeable battery
Dimensions	2.36 in. (W) x 4.33 in. (H) x 0.75 in. (D) 60mm (W) x 110mm (H) x 19mm (D)/
Weight	4.16 oz. (without battery) (118g)

Operating Environment Conditions

Operating temperature: 41° to 95° F (5° to 35° C)

Operating humidity: 20 to 80% (no condensation allowed)

Chapter 10

Troubleshooting

- 1 If the LCD touch screen preview is not clear while shooting, how can the focus be adjusted?**

Try switching between Macro and Normal modes.

- 2 The files on the memory card do not display properly when the LCD touch screen shows the “!” marking.**

The “!” symbol indicates that the SD™ card is too low of a speed or contains corrupted files. To solve this problem, format the SD™ card using the camcorder instead of a computer (Refer to [“Format” on page 50](#)).

- 3 Why do some of my indoor photos look blurry and dark?**

The camcorder extends photo exposure time under low-light/indoor conditions. Keep the camcorder (and the target subject) steady for several seconds when taking photos. The shutter sounds when a photo is taken.

- 4 How do I charge the battery?**

You must use the supplied AC adaptor or the USB cable.

The camcorder must be turned OFF. A blinking light confirms the camcorder is currently charging. A steady light indicates that charging has been completed. The light turns off automatically after 3~5 minutes (In AC charging mode).

- 5 After connecting the USB cable to the computer:
- ❖ The disk “DV” indicates the internal memory of the camcorder.
 - ❖ “Removable Disk” indicates the external memory (SD/SDHC/SDXC card installed in the camcorder).
 - ❖ The disk “DVAP” indicates the built-in CAMILEO UPLOADER application is saved to the disk.
-

CAUTION

Do not format the disk or delete the application inside. The CAMILEO UPLOADER application may not function.

Chapter 11

Other Information

Toshiba Support

If you require help or are having problems operating your product, you may need to contact Toshiba for additional technical assistance.

Before you call

Since some problems may be related to software, it is important that you investigate other sources of assistance first. Try the following before contacting Toshiba:

- ❖ Review the documentation supplied with your product.
- ❖ If a problem occurs when you are running software applications, consult the software documentation for troubleshooting suggestions. Contact the software company's technical support department for assistance.
- ❖ Consult the reseller or dealer from whom you purchased your product. They are your best resource for current information and support.

TOSHIBA Support

Need help?

For the latest driver updates, user's manuals & FAQ's please have a look at the TOSHIBA options & services support page:

www.mytoshiba.com.au

www.mytoshiba.co.nz

Toshiba Support Centre:

Australia : 13 30 70

New Zealand: 0800 445 439

Expert staff provides technical assistance during normal business hours, 5 days a week, excluding public holidays.

Be sure to have the following information available before you call:

- Product serial number and part number
- Place of purchase
- Applicable error messages or fault symptoms
- Operating system (if applicable)
- Installed third-party hardware and software (if applicable)

Expressed Limited Warranty (Australia & New Zealand) TOSHIBA CAMILEO HD CAMCORDER

TOSHIBA (AUSTRALIA) PTY LIMITED (“Toshiba”) makes the following expressed limited warranty to original purchaser in Australia or New Zealand of this Toshiba Camileo HD Camcorder (“Camcorder”)

This expressly stated limited warranty applies to Camcorder sold by Toshiba through its authorised channel partners and applies only to a Camcorder for which you have a receipted sales invoice or other proof of purchase.

Toshiba warrants this Camcorder and its parts against defects in materials and/or workmanship from the date of purchase by you for 12 months.

Terms and conditions apply. Please visit Toshiba’s website to obtain a copy:
www.mytoshiba.com.au or www.mytoshiba.co.nz

If you do not have internet access please contact the Toshiba Support Centre and we will post you a copy to your postal address.

How to Obtain Service

Please visit Toshiba’s website for answers to commonly asked technical questions, tutorials, easily downloadable software drivers and other support related enquiries. You will also find information regarding booking a service for your Camcorder.

If further assistance is required, contact the Toshiba Support Centre;

Australia: Toll free 13 30 70 Mon-Fri 9.00am-5.00pm (AEST).

New Zealand: Toll Free 0800 445 439 Mon-Fri 9.00am -5.00pm (AEST).